

Title (en)

Adhesive tape for bundling cables

Title (de)

Klebeband zur Bündelung von Kabeln

Title (fr)

Ruban adhésif pour faisceau de cables

Publication

**EP 0942057 B2 20081224 (DE)**

Application

**EP 99104802 A 19990311**

Priority

- DE 29804431 U 19980312
- DE 29819014 U 19981027

Abstract (en)

[origin: DE19910730A1] In adhesive tape, especially wrapping tape for bundling cable in cars, which has an adhesive coating on one or both sides of a mechanically consolidated nonwoven fibre substrate strip, the strip is 'needled' with air and/or water jets.

IPC 8 full level

**C07D 295/18** (2006.01); **C09J 7/02** (2006.01); **C09J 7/04** (2006.01); **C09J 7/29** (2018.01); **D04H 1/4291** (2012.01); **D04H 1/4334** (2012.01); **D04H 1/435** (2012.01); **D04H 1/46** (2006.01); **D04H 1/492** (2012.01); **D04H 3/16** (2006.01)

CPC (source: EP US)

**C09J 7/21** (2017.12 - EP); **C09J 7/29** (2017.12 - EP US); **D04H 1/4291** (2013.01 - EP); **D04H 1/4334** (2013.01 - EP); **D04H 1/435** (2013.01 - EP); **D04H 1/492** (2013.01 - EP US); **D04H 3/16** (2013.01 - EP); **C09J 2203/302** (2013.01 - EP); **C09J 2301/122** (2020.08 - EP); **C09J 2301/124** (2020.08 - EP); **C09J 2301/302** (2020.08 - EP); **C09J 2400/263** (2013.01 - EP); **C09J 2423/006** (2013.01 - EP); **C09J 2467/006** (2013.01 - EP); **C09J 2477/006** (2013.01 - EP); **H02G 3/263** (2013.01 - EP)

Citation (opposition)

Opponent :

- DE 19523494 A1 19970102 - BEIERSDORF AG [DE]
- DE 9401037 U1 19940310 - COROPLAST FRITZ MUELLER KG [DE]
- JOACHIM LÜNENSCHLOSS, WILHEM ALBRECHT: "Vliesstoffe", 1982, GEORG THIEME VERLAG, STUTTGART, pages: 48 - 230
- NEUMÜLLER OTTO-ALBRECHT: "Römpfs Chemie-Lexikon", vol. 2 CM-G, 1981, FRANCKH, STUTTGART, pages: 1032F, 8

Cited by

DE102014110554A1; EP1498260A1; US6541707B2; DE102009005404A1; EP1149882A1; EP1114853A1; CN1298800C; KR100830792B1; US2013273333A1; CN111836865A; WO2007017332A1; DE102014110535A1; US10661546B2; WO2007131770A1; WO03033611A1; WO2006015816A1; WO0214446A1

Designated contracting state (EPC)

DE ES FR GB IT NL PT SE

DOCDB simple family (publication)

**DE 19910730 A1 19991014**; DE 59900611 D1 20020221; DE 59905496 D1 20030612; EP 0942057 A1 19990915; EP 0942057 B1 20020116; EP 0942057 B2 20081224; EP 1123958 A2 20010816; EP 1123958 A3 20020313; EP 1123958 B1 20030507; ES 2197896 T3 20040116; PT 1123958 E 20030930

DOCDB simple family (application)

**DE 19910730 A 19990311**; DE 59900611 T 19990311; DE 59905496 T 19990311; EP 01105212 A 19990311; EP 99104802 A 19990311; ES 01105212 T 19990311; PT 01105212 T 19990311